

# High School to College and Career Pathway: Post-Secondary

Area of Study: Skilled & Technical Sciences  
Education

Pathway: Automotive Service Technician

Region: Southeast	District:	School:	College/Institution: Articulation Agreement in place? Yes Name of Degree or Certificate: AAS in Automotive Technology
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High School				College		
Course Number	High School Suggested Academic Courses	H.S. Credit	College Credits	Course Number	College General Education Requirements	College Credits
4162C	Introduction to Writing <sup>^</sup>	.5	3 ⇨	ENGL 1010	Introduction to Writing	3
4150C	Honors English 12*	.5	3 ⇨			
4160C	Literature & Composition*	.5	3 ⇨			
3650C	Honors Physics*	.5	3 ⇨	PHYS 1010 or PHYS 1050	Elementary Physics or Technical Physics	3
				MATH 1020	Trade Mathematics (or higher mathematics course)	3
					Human Relations Course	3
9952C	Computer Literacy*	.5	3 ⇨	BCIS 1010	Computer Literacy	0
					Additional General Education Courses	1 - 3

**Note:** This is a regional agreement. Some classes and some concurrent enrollment agreements may not be available in your particular high school. See your individual school for specific program offering. **Note:** \*= concurrent ^= distant

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Course CIP #	CTE Pathway Courses (credits for completion)	H.S. Credit	College Credits	Course #	College Major Course Requirements	College Credits
	<b>Foundation Courses: (required)</b>					
47.0604	Automotive Service Technician *	1.00	4 ⇨	AUTO 1000	Introduction to Transportation Technology	4
			3 ⇨	AUTO 1400	Suspension & Steering Theory	3
			3 ⇨	AUTO 1405	Suspension & Steering Lab	3
			3 ⇨	AUTO 1500	Brakes Theory	3
			2 ⇨	AUTO 1505	Brakes Lab	2
				AUTO 1100	Engine Repair Theory	3
				AUTO 1105	Engine Repair Lab	3
				AUTO 1200	Automatic Transmission/Transaxle Theory	3
				AUTO 1205	Automatic Transmission/Transaxle Lab	2
				AUTO 1300	Manual Drive Train & Axle Theory	3
				AUTO 1305	Manual Drive Train & Axle Lab	2
				AUTO 1600	Electrical & Electronics I Theory	3
				AUTO 1605	Electrical & Electronics I Lab	3
				AUTO 1800	Engine Performance I Theory	3
				AUTO 1805	Engine Performance I Lab	3
				AUTO 2600	Electrical & Electronics II Theory	3
				AUTO 2605	Electrical & Electronics II Lab	2
				AUTO 2700	Heating & Air Conditioning Theory	3
				AUTO 2705	Heating & Air Conditioning Lab	2
				AUTO 2800	Engine Performance II Theory	3
				AUTO 2805	Engine Performance II Lab	2
	<b>Elective Courses:</b>					
47.0105	Electronics I	1.00				
47.0603	Automotive Collision Repair	1.00				
47.0606	Small Vehicle Technician	1.00				
32.0199	Student Internship (Critical Workplace Skills)	.50				
<b>TOTAL Potential Credits Earned in High School</b>			<b>24</b>	<b>TOTAL Credits Required for Degree or Certificate</b>		<b>71-73</b>

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